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PAGES (Including Cover Sheet):5	-, :	
CONTENTS: Attached are our propose		-
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Application No. 10/593,036

Docket No.: 1592-0165PUS1

## PROPOSED CLAIM AMENDMENTS - NOT FOR ENTRY

. (Currently Amended) An InP substrate for epitaxial growth,

wherein, when haze is defined as a value calculated by dividing intensity of scattered light obtained when light is incident from a predetermined light source onto a surface of the InP substrate, by intensity of the incident light from the light source, the light source having a wavelength of 488 nm, every portion of an effectively used area measured by Surfscan 6220 exhibits a haze of not more than 1ppm, the InP substrate having a size of at least two inches; and

wherein the InP substrate comprises

the haze is not more than I pp a all over an effectively used area of the InP substrate and an off-angle with respect to a plane direction [[is]] of 0.05 to 0.10°, wherein the effectively used area includes the curface area of the substrate, with the exception of the paripheral part including the chamfered part of the substrate.

- (Cancelled)
- (Cancelled)
- 4. (Previously Presented) The InP substrate as claimed in claim 1, wherein a dislocation density is not more than 1000/cm².
- 5. (Previously Presented) The InP substrate as claimed in claim 4, wherein the dislocation density is not more than 500/cm².

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6. (Previously Presented) A compound semiconductor substrate for epitaxial growth, comprising an InP substrate and at least one epitaxial layer on the InP substrate, wherein:

the InP substrate has an off-angle with respect to a plane direction of 0.05 to 0.10°, the InP substrate has a haze of 0.5 to 0.8 ppm. and

the haze in a surface of the at east one epitaxial layer is not more than 1 ppm, wherein haze is defined as a value calculated by dividing intensity of scattered light obtained when light is incident from a predetermined light source onto the surface of the at least one epitaxial layer or a surface of the InP substrate, by intensity of the incident light from the light source.

7. (Previously Presented) An InP substrate for epitaxial growth,

wherein, when haze is defined as a value calculated by dividing intensity of scattered light obtained when light is incident from a predetermined light source onto a surface of the InP substrate, by intensity of the incident light from the light source,

the haze is not more than 1 ppm all over an effectively used area of the InP substrate, and an off-angle with respect to a plane direction is 0.05 to 0.10°.

(New) A method to reduce haze on a surface of an epitaxial layer grown on an InP substrate, comprising:

epitaxially growing a semiconductor layer on the IrP substrate according to claim 1.

(New) An InP substrate for epitaxial growth

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wherein, when haze is defined as a value calculated by dividing intensity of scattered light obtained when light is incident from a predetermined light source onto a surface of the lnP substrate, by intensity of the incident light from the light source, the light source having a wavelength of 488 nm, every portion of an effectively used area of the substrate exhibits a haze of not more than 1ppm;

wherein the InP substrate has a size of at least two inches, and comprises an off-angle with respect to a plane direction of 0.05 to 0.10°.

## Partial translation of standard configuration specification of Surfscan 6220 (revised)

page 1, item 3. ABOUT THIS DEVICE

This device is designed to perform a detection of the number or amount, the position, and the size of extraneous substances, particles, damages, and the like, on a mirror-polished bare silicon wafer or on a wafer on which a film is formed, by a laser scanning method. The obtained data can be displayed and analyzed by a matabase embedded in the main body of this device.

## page 3, item 5. BASIC SPECIFICATION

· Wafer size applicable to this device

This device is compliant to SEMI and JEIDA standards.

wafer diameter of 2-6 inches

Wafers of both orientation flat type and notch type are applicable.

[Partially Omitted]

· Wafer transfer system

[Partially Omitted]

(2-inch and 3-inch wafers are applicable by the device being attached with optional supplies of factory shipment)